International application No.

				C1/AU2004/		
A.	CLASSIFICATION OF SUBJECT MAT	TER				
Int. Cl. 7:	G01N 33/58, 33/566, 33/577, C07K 17/14, C12Q 1/68, 1/70					
According to l	International Patent Classification (IPC) o	r to bot	h national classification and IPC			
	FIELDS SEARCHED	-	,			
Minimum docu	mentation searched (classification system follo	owed by	classification symbols)	· · · · · · · · · · · · · · · · · · ·		
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Documentation	searched other than minimum documentation	to the ex	ttent that such documents are included i	n the neids search	ed	
Electronic data STN: MEDI mannose	base consulted during the international search LINE, BIOSIS, WPIDS, Chem Abs; k	(name o	f data base and, where practicable, sear Is based on monoclonal antibody	ch terms used) /, colloidal golo	i, detect,	
C.	DOCUMENTS CONSIDERED TO BE RELI	EVANT				
Category*	Category* Citation of document, with indication, where appropriate, of the relevant passages				Relevant to claim No.	
	EP 1 035 414 A2 (MADAUS AG)			ct Accession		
X	No. 2000-595496/57, Class B04 D16, EP 1035414 A2)  X See especially the claims, examples and Fig. 1				1-65	
	WERTHÉN M et al: "Effect of anti surface-immobilized antigen"; Jour	body a	ffinity on the isotherm of antiboommunological Methods, 115 (19	988) 71-78		
<b>X</b> .	-				1-65	
	MOORE N et al: "Development of	a Pane	of Rapid Tests for Viral Respir	atory		
	Diseases"; Abstracts of the General	Meeti	ng of the American Society for			
Microbiology, (May 2003), Vol. 103, pp C-356  X See abstract				•	1-65	
X F	urther documents are listed in the cor	itinuati	on of Box C X See pate	ent family anne	ex	
	categories of cited documents:	"T"	later document published after the internation	and filing data or pr	ierity date and not in	
	nt defining the general state of the art which is idered to be of particular relevance	1.	conflict with the application but cited to un	derstand the princip	le or theory	
"E" earlier a	pplication or patent but published on or after the	"X"	underlying the invention document of particular relevance; the claim or cannot be considered to involve an inver	ed invention cannot	be considered novel	
	onal filing date	113.70	alone document of particular relevance; the claim			
or which is cited to establish the publication date of involve			involve an inventive step when the docume	nt is combined with	one or more other	
another citation or other special reason (as specified)  "O" document referring to an oral disclosure, use, exhibition  "&" document member of the same patent family				and in the art		
	nt published prior to the international filing date					
	than the priority date claimed ual completion of the international search		Date of mailing of the international	ıl search report		
16 December 2004			3	- U	O JAN 2005	
Name and mailing address of the ISA/AU			Authorized officer			
	I PATENT OFFICE WODEN ACT 2606, AUSTRALIA			•		
E-mail address: pct@ipaustralia.gov.au			G. D. HEARDER Telephone No. (02) 6283 2553	2		
Facsimile No. (02) 6285 3929 Telephone No : (02) 6283 2553						

International application No.

Category*	Citation of document, with indication, where appropriate, of the relevant passages		
	Lea P et al: "Advantages of Backscatter Electron Imaging Scanning Electron Microscopy for Intracellular Localization of Cardiac Analytes by Gold Conjugated Antibody"; Scanning (1996) Vol. 18, 259-68		
X	See whole document	· 1-65	
	Pack SH et al: "Development of rapid one-step immunochromatographic assay"; Methods 2000 Sep, 22(1): 53-60		
X	See whole document	1-65	
	Haftek M et al: "Immunogold Labeling of Keratin Filaments in Normal Human Epidermal Cells With Two Anti-keratin Monoclonal Antibodies"; The Journal of Histochemistry and Cytochemistry 1986, Vol. 34, No. 5, pp 613-618		
. <b>X</b>	See whole document	1-65	
	PEI R et al: "Amplification of antigen-antibody interactions based on biotin labeled protein-streptavidin network complex using impedance spectroscopy."; Biosensors &		
· X	Bioelectronics 2001, 16: 355-61. See whole document	1-65	
	WU S J et al: "Comparison of two rapid diagnostic assays for detection of immunoglobulin M antibodies to dengue virus."; Clinical And Diagnostic Laboratory Immunology, (2000 Jan) 7 (1) 106-10		
X	See whole document, especially p 106-107	1-65	
x	VAUGHN D W et al: "Evaluation of a Rapid Immunochromatographic Test for Diagnosis of Dengue Virus Infection"; Journal of Clinical Microbiology, Jan. 1998, p 234-238	1-65	
	See whole document, especially p 235 (PanBio Dengue Rapid Test)		
•	BASTHOLM L et al: "Simultaneous demonstration of two antigens in ultrathin cryosections by a novel application of an immunogold staining method using primary antibodies from the same species"; Histochemistry (1987) 87(3):229-231		
X	See whole document	1-65	
X'	WO 2003/020204 A2 (SYRACUSE BIOANALYTICAL INC & CORNELL RESEARCH FOUNDATION INC) 13 March 2003 See whole document	1-65	
Λ		1-03	
D 77	PIEPER-FÜRST U et al.: "Detection of subpicomolar concentrations of human matrix metalloproteinase-2 by an optical biosensor"; Analytical Biochemistry (1 September 2004) 332 (1) pp 160-167	1.65	
P, X	See whole document	1-65	
	ZHOU P et al.: "Nanocolloidal Gold-Based Immunoassay for the Detection of the N-Methylcarbamate Pesticide Carbofuran"; Journal of Agricultural and Food Chemistry, (14 July 2004), 52 (14), pp 4355-4359		
P, X	See whole document	1-65	
P, X	WO 2004/014220 A2 (N-DIA INC) 19 February 2004 See whole document	1-65	

International application No.

C (Continuati		Relevant to			
Category*	Citation of document, with indication, where appropriate, of the relevant passages				
P, X	WO 2003/105899 A1 (NEUROPRO TECHNOLOGIES INC) 24 December 2003 See whole document  WO 2003/093793 A2 (TRELLIS BIOSCIENCE INC) 13 November 2003 See whole document				
P, X					
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i					

International application No.

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)					
This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:					
1. Claims Nos.:					
because they relate to subject matter not required to be searched by this Authority, namely:					
2. X Claims Nos.: 1-65 (in part)	ah				
because they relate to parts of the international application that do not comply with the prescribed requirements to s an extent that no meaningful international search can be carried out, specifically:	ich				
Due to the broad scope of the claims (ie in particular the scope of the detection marker-analyte binding partner complex), the search was necessarily restricted to the preferred embodiments and the disclosed examples, for which there was descriptive support.					
3. Claims Nos.:					
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.	+(a)				
Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)					
This International Searching Authority found multiple inventions in this international application, as follows:					
	Î				
·					
1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.					
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.					
3. As only some of the required additional search fees were timely paid by the applicant, this international search repo	rt				
·					
4. No required additional search fees were timely paid by the applicant. Consequently, this international search report restricted to the invention first mentioned in the claims; it is covered by claims Nos.:	: is				
Remark on Protest					
No protest accompanied the payment of additional search fees.					

Information on patent family members

International application No.

PCT/AU2004/001522

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		P			atent Family Member		
EP	1035414	NONE					
WO	2003/020204	· EP	1423543	US	2003143573		
wo	2004/014220	NONE		-			
WO	2003/105899	US	2004002168				
wo	2003/093793	US	2004033519				

Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.

END OF ANNEX